Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 17 Jun 2023 until 23:59 on Sunday 18 Jun 2023

Forecast Issued on Friday 16 Jun 2023 at 15:41

Confidence: High for warm conditions and for the transition through the weekend to more unsettled weather with showers and thundery downpours. Lower confidence in exact details and timings of showers.

Headline for Saturday 17 Jun 2023: Bright start. A much cloudier afternoon with a chance of showers.

Mountain weather hazards on Saturday 17 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	10%	20%	20%	20%	20%	20%

Forecast for Saturday 17 Jun 2023

Weather: A bright start across the east of the Dales. Cloud will build to give spells of hazy sunshine, but a largely dull afternoon. Well scattered showers are expected to develop during the afternoon, perhaps the odd one or two turning locally heavy or possibly thundery late on. Risk of showers persists overnight. Feeling warm or very warm and humid. Low confidence in shower detail.

Chance of cloud-free hill tops above 600m: Greater than 90%.

Low Cloud and visibility: A largely cloudy day but with bases expected to remain comfortably above the summits throughout. Very good visibility expected, falling to moderate in the vicinity of any showers that may develop. Locally poor in any heavy or thundery downpours.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 17 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/16 E	6/13 SE	5/10 E	11/16 SE	11/16 SE	10/15 SE	8/13 SE	8/15 SE	6/12 E
300	5/12 E	5/11 E	6/12 E	9/16 SE	9/16 SE	7/14 SE	4/9 SE	5/15 E	5/13 E
Valley	9/19 E	6/15 E	4/11 SE	8/15 SE	9/17 SE	7/14 S	4/8 SE	6/13 E	6/15 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	13/12	14/14	16/14	17/14	17/15	17/16	14/13	13/12
300	14/13	13/12	16/15	20/17	20/18	20/18	20/19	16/15	14/13
Valley	17/15	16/14	18/17	21/19	22/20	22/20	21/20	18/17	16/16
Freezing Level*	2500m	2300m	2200m	2300m	2400m	2500m	2600m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Warm and humid conditions are expected, with high UV levels forecast. Conditions may deteriorate quickly around any showers that develop in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 16 Jun 2023	0mm	1.6mm	1.6mm

Forecast for Sunday 18 Jun 2023

Weather: The odd shower may linger overnight. Clear spells to start, perhaps cloudier in the east of the Dales. Cloud is expected to bubble up by mid-morning with showers soon breaking out widely. Some thunderstorms are expected with a risk of hail and lightning. Showers may merge to give a prolonged spell of rain during the evening. Confidence is low.

Maximum wind: East or southeast 15-20mph, stronger gusts of 30-40mph in a variable direction possible around heavy showers.

Chance of cloud-free hill tops above 600m: Greater than 90%. 70% initially in the east. Lowering to 70% during the afternoon and evening.

Low Cloud and visibility: There is a chance during the early hours of some patchy low cloud in the east of the Park, bases around 300m. Otherwise, cloud bases are expected to remain well above summits. Should heavy showers become slow-moving or merge to give a more prolonged spell of rain, there is a chance that scraps of cloud may form with bases around 600m, shrouding some tops. Very good visibility, but moderate or poor in heavy or thundery showers.

Temperature: **Valleys:** Plus 15 Celsius, rising to Plus 22 Celsius.
At 600m: Plus 11 Celsius, rising to Plus 18 Celsius.
Freezing level: Well above summits.

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